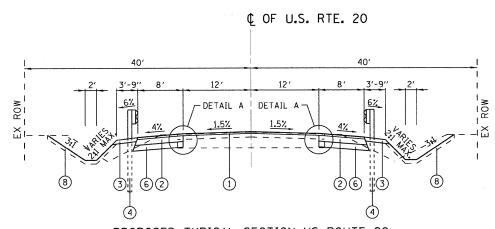


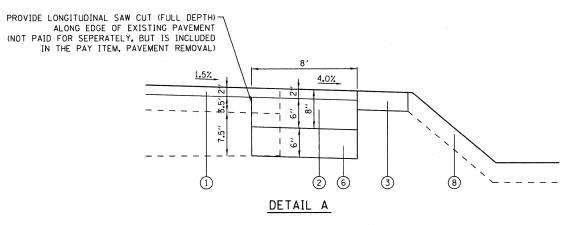
## EXISTING TYPICAL SECTION

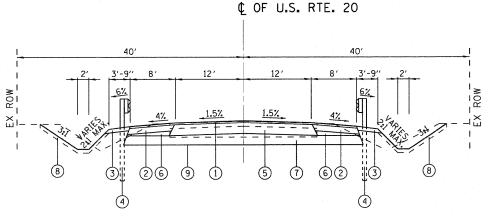
FACING NORTH N.T.S.



PROPOSED TYPICAL SECTION US ROUTE 20

FACING NORTH
RESURFACING WITH SHOULDER WIDENING
STA. 111+19.7 TO STA. 114+79.8 AND
STA. 115+51.2 TO STA. 117+30.4
N.T.S.





## PROPOSED TYPICAL SECTION US ROUTE 20

FACING NORTH
RECONSTRUCTION AREA WITH SHOULDER WIDENING
STA. 114+79.8 TO STA. 115+51.2
N.T.S.

# EXISTING LEGEND

- A EXIST. HMA SURFACE, ± 5"
- B EXIST. PCC PAVEMENT. ± 7.5"
- C AGGREGATE SHOULDER, VARIABLE DEPTH
- D EXIST. GUARDRAIL
- E) HMA SURFACE REMOVAL, 1.5"

## PROPOSED LEGEND

- 1 HMA SURFACE COURSE, MIX 'D', N70 (2.0")
- ++ (2) HMA SHOULDERS, 8"
- 3 AGGREGATE SHOULDERS, TYPE B 4"
- 4 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FT POSTS
- 5) HMA BASE COURSE, 11 1/4"
- 6 SUB-BASE GRANULAR MATERIAL, TYPE B (6.0" AND VARIES)
- (7) AGGREGATE SUBGRADE 12"
- 8 TOPSOIL FURNISH AND PLACE, 4"
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ++ THE TOP 2.0 INCHES OF THE HMA SHOULDER SHALL BE HMA SURFACE COURSE AND IS INCIDENTAL TO THE COST OF HMA SHOULDERS.

#### HMA MIXTURE REQUIREMENTS

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
MIX DESIGNS	AIR VOIDS
PAVEMENT RECONSTRUCTION	
HMA SURFACE COURSE, MIX 'D', N70 (IL 9.5 mm); 2"	4% @ 70 GYRATIONS
HMA BASE COURSE. 11 1/4" (HMA BINDER IL-19 mm)	4% @ 70 CYRATIONS
PAVEMENT RESURFACING	
HMA SURFACE COURSE, MIX 'D', N70 (IL 9.5 mm); 2"	4% @ 70 GYRATIONS
SHOULDERS	
HMA BINDER COURSE, IL 19.0, N70; 8"	4% @ 70 GYRATIONS
DRIVEWAYS	
HMA SURFACE COURSE, MIX 'C', N50 (IL 9.5 mm); 2"	4% @ 50 GYRATIONS
HMA BASE COURSE, 6" (HMA BINDER IL-19mm)	4% @ 50 GYRATIONS
TEMPORARY PAVEMENT	
HMA BINDER COURSE, IL-19 mm; 8"	4% @ 50 GYRATIONS
<del></del>	

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

TEMPORARY PAVEMENT NOTE: IF CONTRACTOR CHOOSES TO USE CONCRETE, THE THICKNESS WILL BE 8"



ISER NAME = 2bookd	DESIGNED	-	DJB	REVISED		
	DRAWN	-	ENTRAN	REVISED	-	
LOT SCALE = 50.00 '/ IN.	CHECKED	-	ТМН	REVISED	-	
LOT DATE = 6/24/2011	DATE	-	06/24/11	REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	FAP R	OUTE 525	(US RO	UTE 20)	OVER	DRAINAGE DITCH	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
			• • • • • •				525	11-T-1	MCHENRY	34	4
TYPICAL SECTIONS						CONTRACT	NO. 60	M53			
ALE. 1"	~ 50'	SHEET NO	OF.	SHEETS	STA	TO STA	EED DO	AD DIST NO ILLINOIS FED A	IO PRO IECT		Calabara